ELD Information For Federal Carriers

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**AMTA** Alberta Motor Transport Association

Current Industry Uptake

- Voluntary

- Majority of fleets some communications technology

- CTA survey: 86% of FMS equipped units have ELD capabilities; 67% trucks using ELDs for HOS compliance

- 170,000 LOG/ELD power units (Canada)

- Transitional issues include

  – Training of drivers & predicting learning curves (initial plus follow up, hiring, loss of revenue is a concern)

  – Training of operations staff (company project, not just driver);

  – Shipper awareness (how did the shippers, could not avoid it, takes a few months).

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Effective Planning
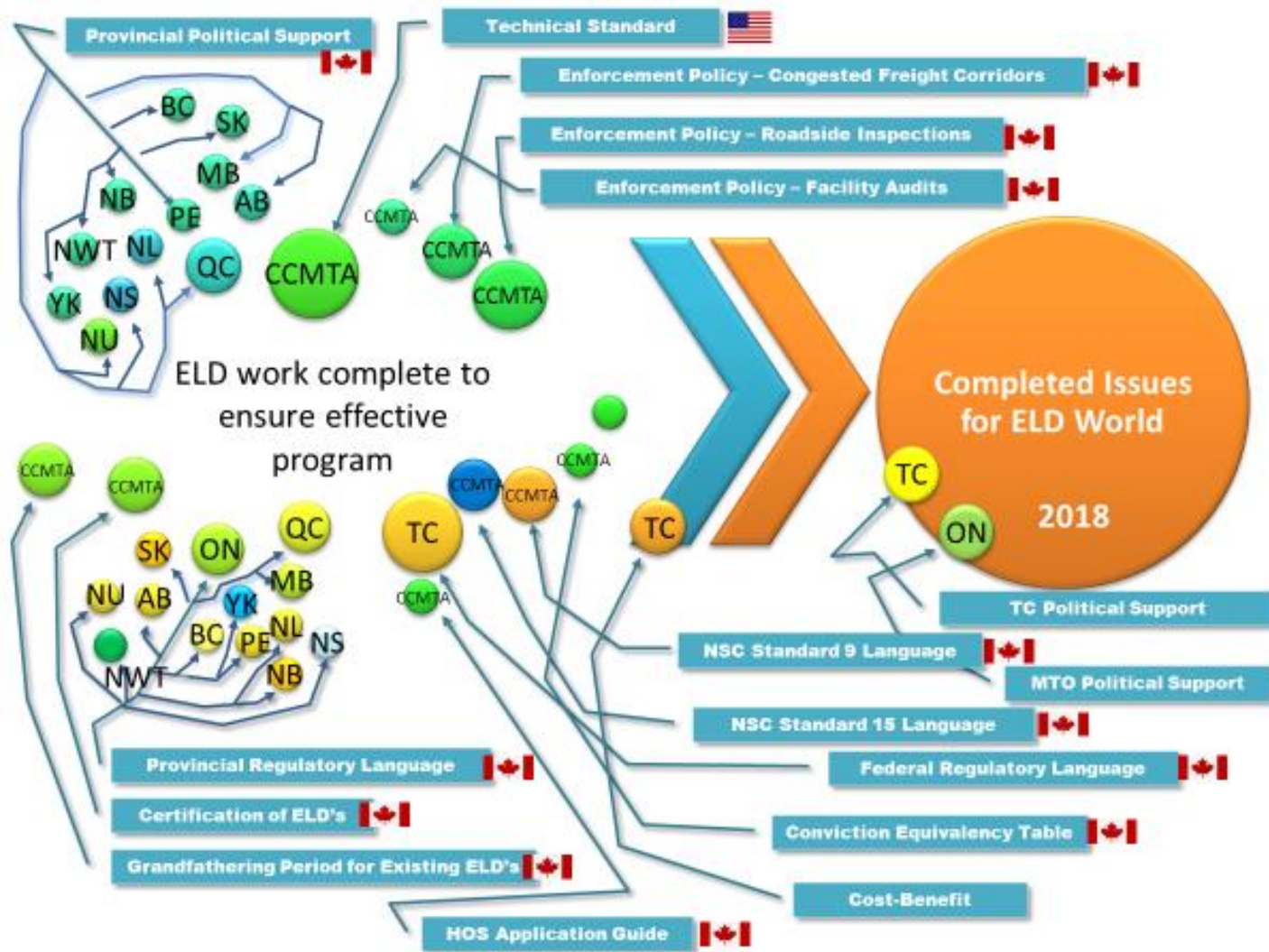
Current Regulatory Status

Gazette 1 December 18, 2017

Enforcement Policy / National Workshops

Legislated June 2018

24 Full Enforcement Q4 2019

Logbooks

Drive time

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ELD Cost-Benefit

Overall

- Benefits outweigh costs by ratio of 2:1

Industry

- Elimination of form/manner/log not current violations by at least 2/3's

- Reduction in OOS HOS violations by 40% or more

- Drivers save 30-120 minutes per cycle; translates into additional 2 hours driving or $2,000 increase in annual pay

- Transparency throughout carrier operations (planners, safety, operations)

- Level playing field

ELD Enforcement Discussions

- **Rented and Leased Vehicles**

- **Supporting Documents**

- **Model Year of Tractor**

- **Appropriate Time to show compliance**

- **Engine Power Status**

- **Failure to have an ELD – OOS order**

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Topics of Discussion

Questions to ask providers

Implementation Considerations

ELD Logistic

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# Questions to ask Providers

Is it a Cloud Based system?

- Does not synchronize locally between the modem and the handheld in real time.

The driver is not able to show up to date logs to an officer when in an out of coverage area.

- Ideal solutions have the Modem and Handheld Device synchronize in real time.

Ensures 100% Compliance even in remote areas with no cellular coverage. Handheld device always holds the logs required to show during roadside inspection.

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Cloud Based

Data merged and
Log created
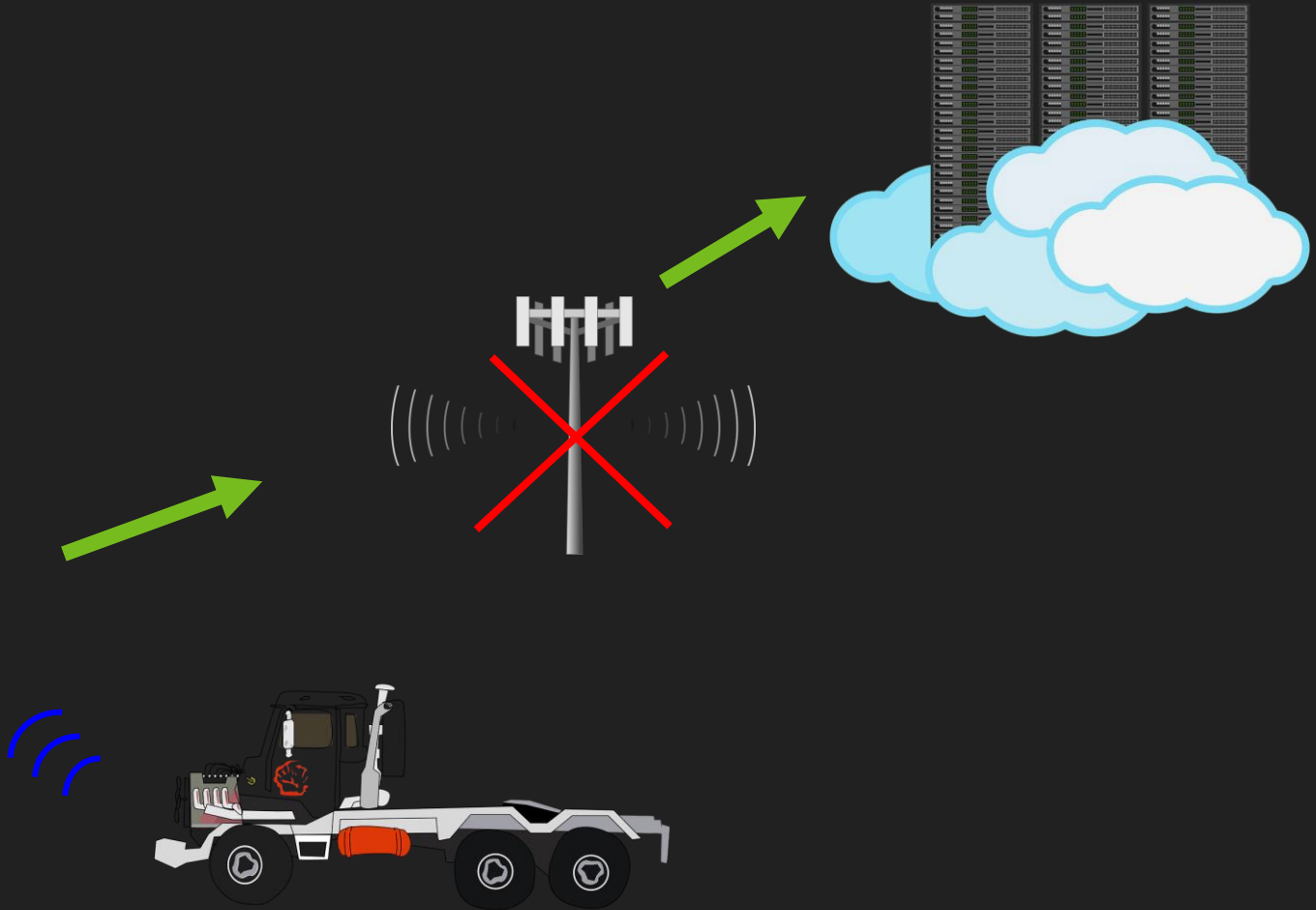
No Logs
to Present
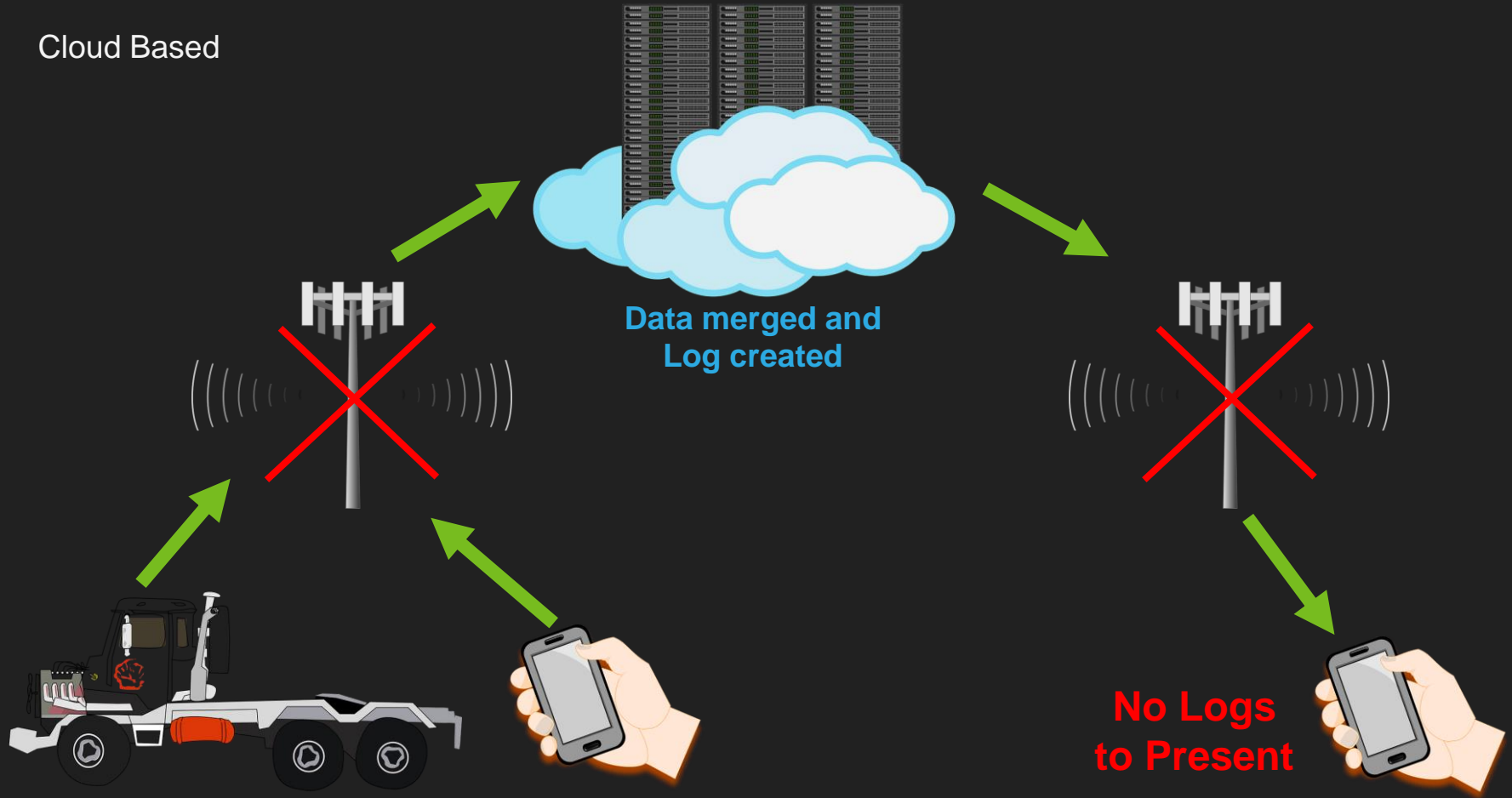
Non-Cloud Based

Always
has Logs
to Present

Log created

Does the system support Canadian and U.S. Drive Cycles and Exceptions?

Does the system automatically transition when crossing into the U.S. or Canada?

- Robs drivers of ease of use, and proper notification of violations
- Unable to operate under Canadian Exceptions
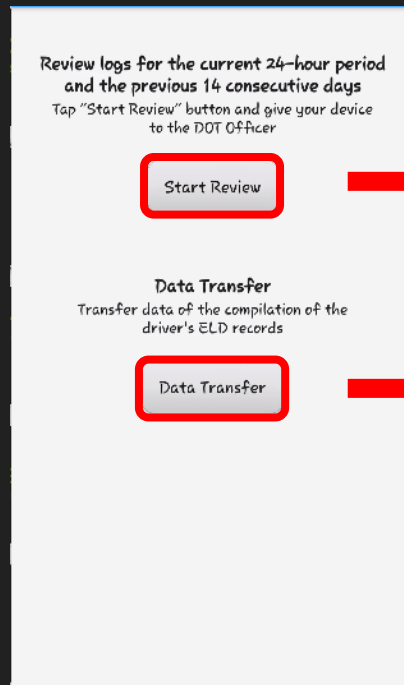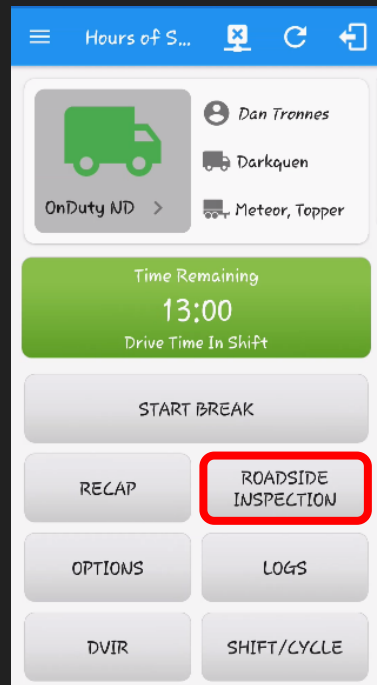- Leads to possible compliance issues

How difficult is it for drivers to present logs to an officer?

- This should be easy for the drivers and be presentable within a few button clicks

Present device to officer to allow them to view 14 days of current logs
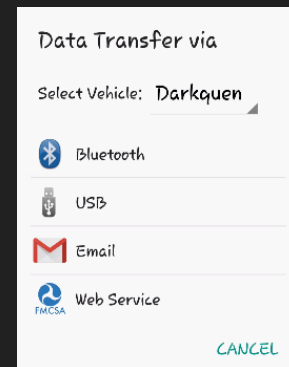
What type of training and support that will be provided?

- Help to plan how your team will learn to use the system.

Who will be available, and when, if there are any issues?
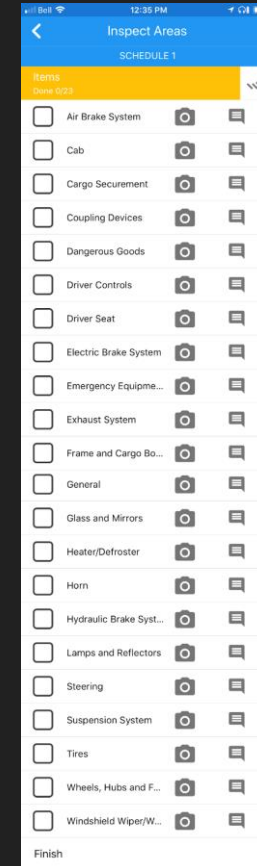
- Hours of operation fit your needs
- Backup for your support team

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Does the provider use proprietary hardware or is it widely available?

- Delivery Time Frame
- Remote Configuration vs Replacement

Does the system provide customization options?

- Cookie Cutter solution
- Ideal solution will be customizable

Research the Provider

- Longevity
- Customer Feedback
- BBB

Implementation Considerations

Trialing

- Choose a range of drivers to work with
- Change Management
- Stay on top of the trial

Training

- Start well in advance
- Single point of contact for drivers

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Hardware

- Make and model of vehicles

9-Pin 250K HD Cable
Part Number: 5C909-2

9-Pin 500K HD Cable
Part Number: 5C992-2

16-Pin Hino HD Cable
Part Number: 5C972-2

16-Pin Volvo/Mack HD Cable
Part Number: 5C973-2

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How do the modem and the handheld connect?

Hardwired

Bluetooth

Handheld management

- Who will supply the handheld devices for the drivers?
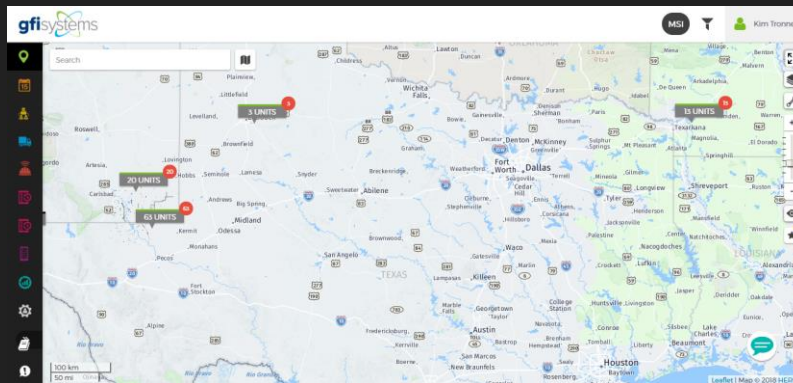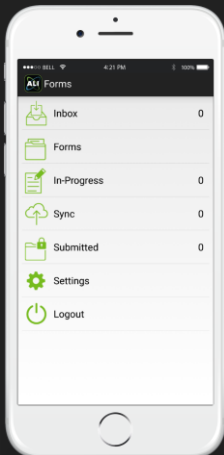- If you are providing the devices, how do you plan to manage them?

Equipment Mounting

- How is the equipment installed or mounted in the vehicle?
- Will you have the ability to install in house, or will this need to be outsourced?

Other Functionality

- Consider future needs and ensure devices supplied today, will be usable in future for other fleet needs

ELD Change Logistic

- Paper to Electronic
- Manual to Automated
- Real time insight to current fleet HOS status

Check List

❏ Up to date logs available for driver to present 100% of the time
❏ US and Canadian drive cycles and exceptions available
  ❏ Auto transition at the border
❏ Provides all of the options for easily sending logs during inspection
❏ Timeframe for implementation and training _____
❏ Training Resources _____
❏ Equipment Installs
  ❏ Proprietary hardware
  ❏ Bring your own Device
❏ Customizable

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Other AMTA ELD Providers

. ISAAC Instruments
. SOAR Solutions Inc.

Questions

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